

META-CDM Workshop

- Objectives and sessions -

META-CDM

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Key Focus Areas and Objectives

	Airport CDM “Current challenges and solutions”	Total Airport Management “The next step”	Multimodal CDM “Future innovations”
Normal operations	<ul style="list-style-type: none"> • Review of “<i>lessons learnt</i>” and summary of “<i>best practices</i>” • Identification of <i>Airport CDM limitations</i> to manage adverse conditions (e.g. landside aspects) 	<ul style="list-style-type: none"> • <i>Gap-analysis</i> between R&D status and operational status/requirements • <i>Recommendations</i> for next steps to implement Total Airport Management 	<ul style="list-style-type: none"> • <i>Innovative concepts</i> to include the passenger in the CDM philosophy • <i>Benefits assessment</i> for airport/airline operations and passenger • <i>META-CDM concept</i> to support management of disruptive events
Adverse conditions			
Disruptive Events (e.g. volcanic ash)			

Workshop Sessions

Session 1:
META-CDM
- Introduction -

Session 2:
Airport CDM
- Current Challenges & Solutions -

Session 3
Total Airport Management
- The Next Step -

Session 4
Airports in the ATM Network
- Collaborative Planning -

Session 5
Passenger-centric CDM and Disruption Management
- Future Innovations -

Tuesday, January 15th

09:00	10:00	Registration & Welcome Coffee	
10:00	10:10	Welcome (Introduction/Agenda)	Eric Feron, Roger Gardner (ENAC, UCAM)
10:10	10:30	Keynote Speech	Fiona Hill (LHR Airports Ltd)
10:30	10:45	Airport research in FP7	Rémy Denos (European Commission)
10:45	10:55	Objectives and partners of META-CDM	Eric Feron (ENAC)
10:55	11:05	META-CDM work packages	Lynnette Dray (Cambridge University)
11:05	11:15	Workshop objectives and sessions	Thomas Günther (Barco Orthogon)
11:15	11:30	Coffee Break	
11:30	12:00	Heathrow A-CDM demonstration	Alison Bates (LHR Airports Ltd)
12:00	12:25	Airport CDM - Lessons learnt & challenges ahead	Elisabeth Lagios
12:25	12:50	A-CDM: Boosting the Airport turnaround process / Roissy CDG experience	Herve Breton (Thales)
12:50	13:05	Workshop Discussion	
13:05	14:00	Lunch Break	
14:00	14:25	Total Airport Management - An evolutionary approach to managing an airport	Yves Günther (DLR)
14:25	14:50	Integrated "Air2Air Management" - Contributions to efficient and punctual airport operations	Gero Hoppe (Inform)
14:50	15:15	Flagship Project Total Airport Management Suite (TAMS) - Moving from concepts to reality	Thomas Günther (Barco Orthogon)
15:15	15:30	Workshop Discussion	
15:30	15:45	Coffee Break	
15:45	16:10	Turnaround Integration in Trajectory And Network (TITAN project)	Ana Saez Sanchez (INECO)
16:10	16:35	Resilience of the future ATM system (Resilience2050 project)	Peter Foerster (DLR)
16:35	17:00	Time-line concept for Collaborative Workflow Management in dDCB	Marcel Richard (Eurocontrol)
17:00	17:25	Airport Surface Movement Optimization in the US	Hamsa Balakrishnan (MIT)
17:25	17:45	Workshop Discussion	

Wednesday, January 16th

09:00	09:30	Welcome Coffee	
09:30	09:55	The passenger within Performance Based Airport Operations	Gunnar Spies (Barco Orthogon)
09:55	10:20	Real-time Inter-modal Strategies for Airline Schedule Perturbation Recovery and Airport Congestion Mitigation under Collaborative Decision Making (CDM)	Yuyu Zhang (Uni South Florida)
10:20	10:45	Virtual training for effective collaborative response to airport emergencies: The CRISIS Project	Ifan Shepherd (Middlesex University)
10:45	11:00	Coffee Break	
11:00	11:25	Existing work on collaborative decision making, disruption management and improving passengers' experience	Aude Marzuoli (ENAC / Georgia Tech)
11:25	12:00	META-CDM Final Podium Discussion	
12:00	13:30	Lunch	
14:00	16:00	Internal META-CDM Meeting	META-CDM Advisory Board